

FIG. 1A

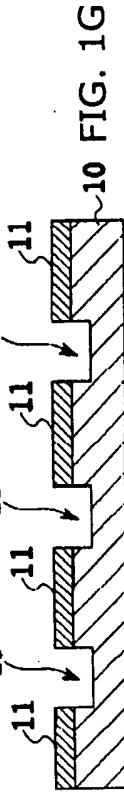


FIG. 1B

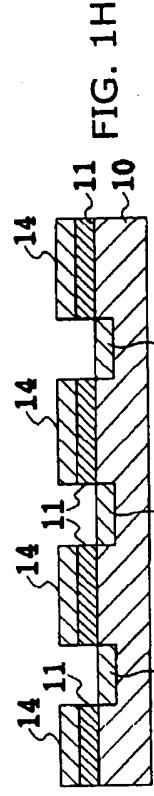


FIG. 1C

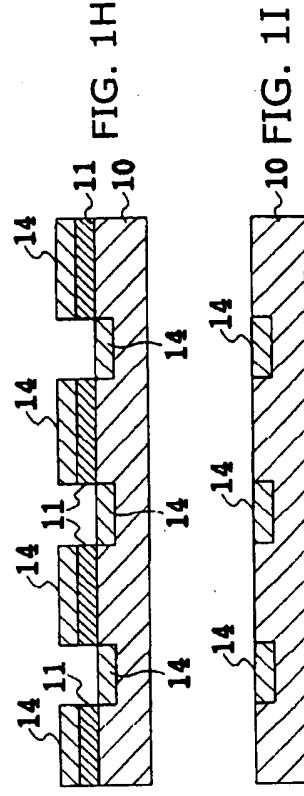


FIG. 1D



FIG. 1E

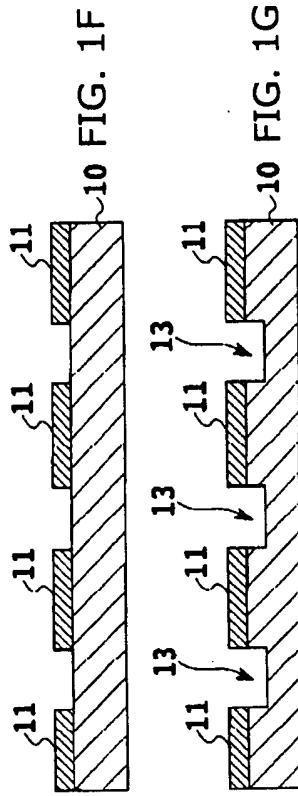


FIG. 1F

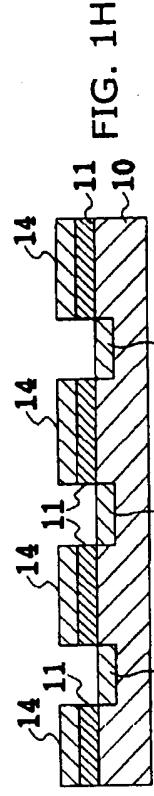


FIG. 1G

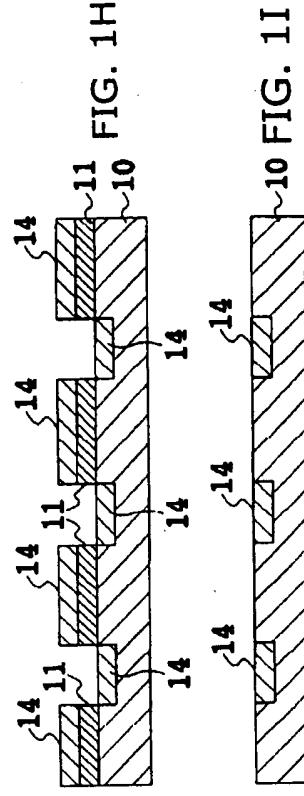


FIG. 1H



FIG. 1I

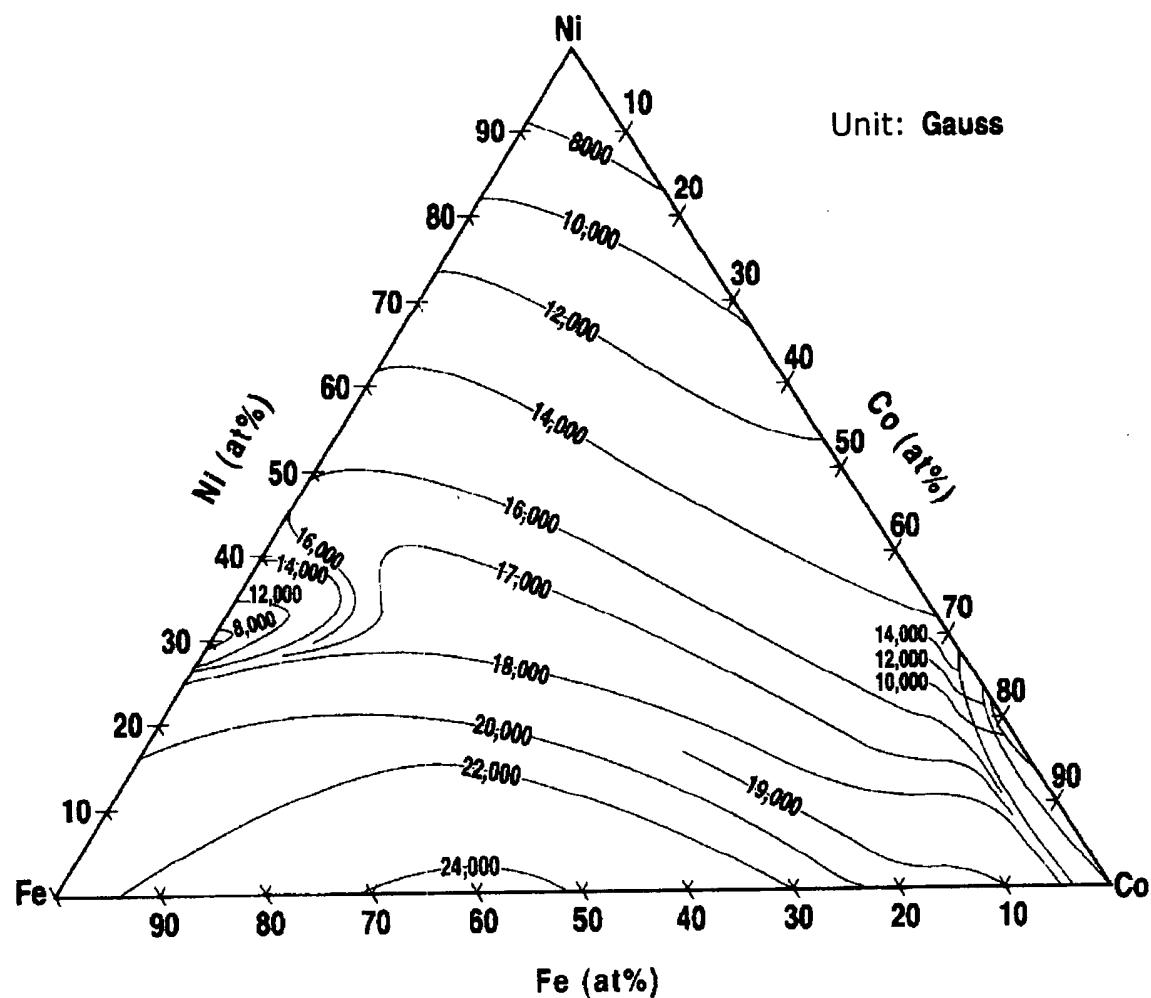
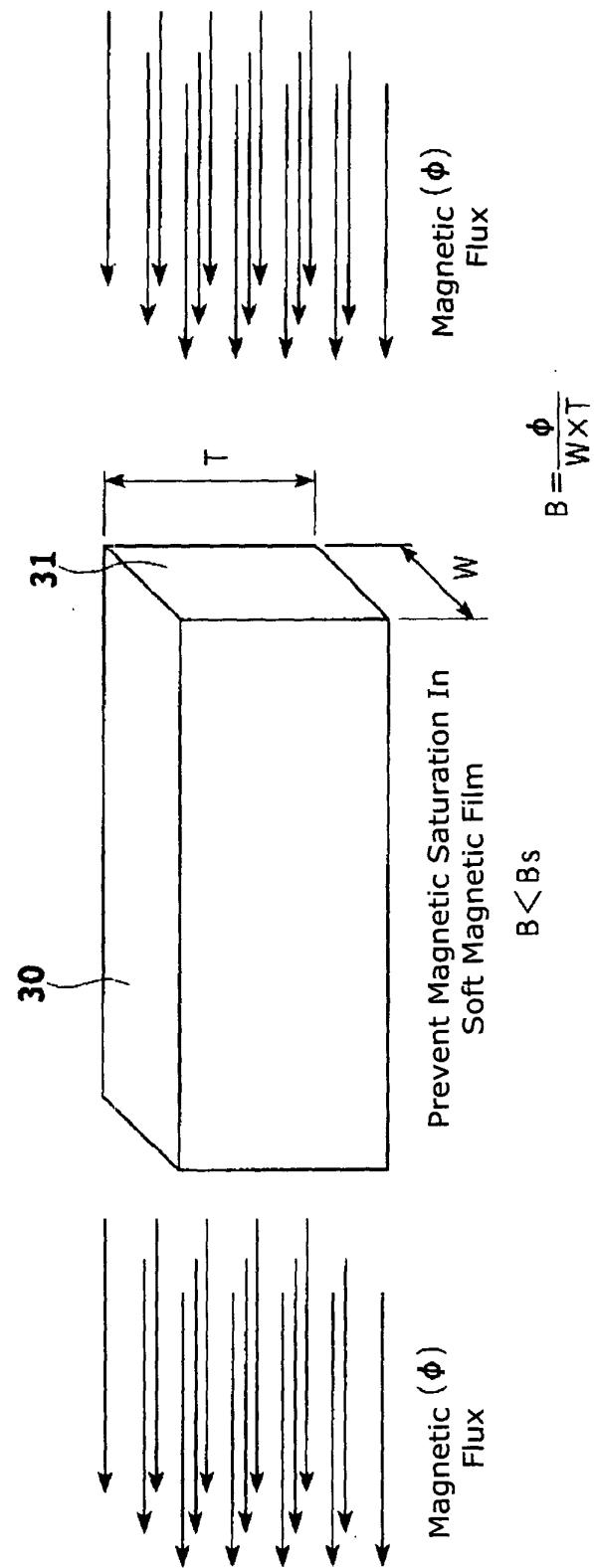


FIG. 2

FIG. 3



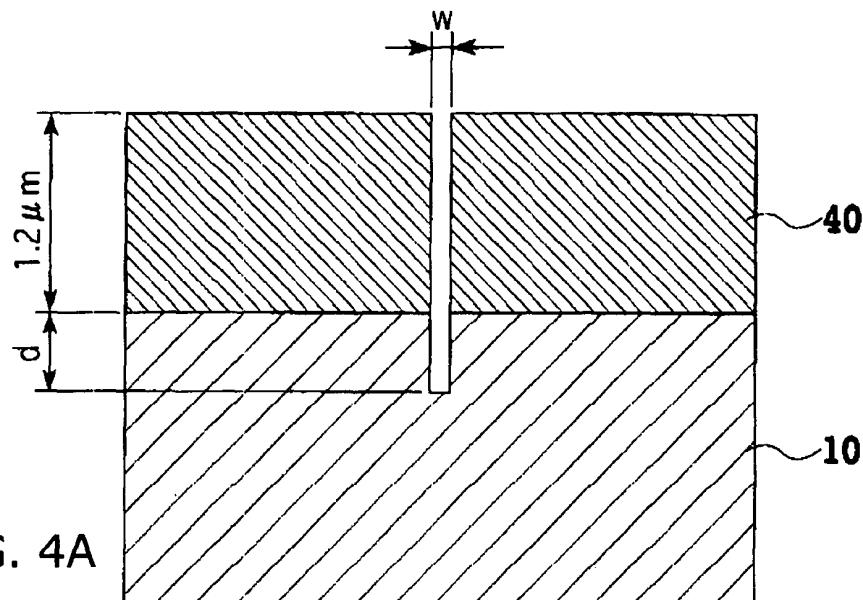


FIG. 4A

Soft Magnetic Film : $0.5 \mu\text{m}$
Thickness

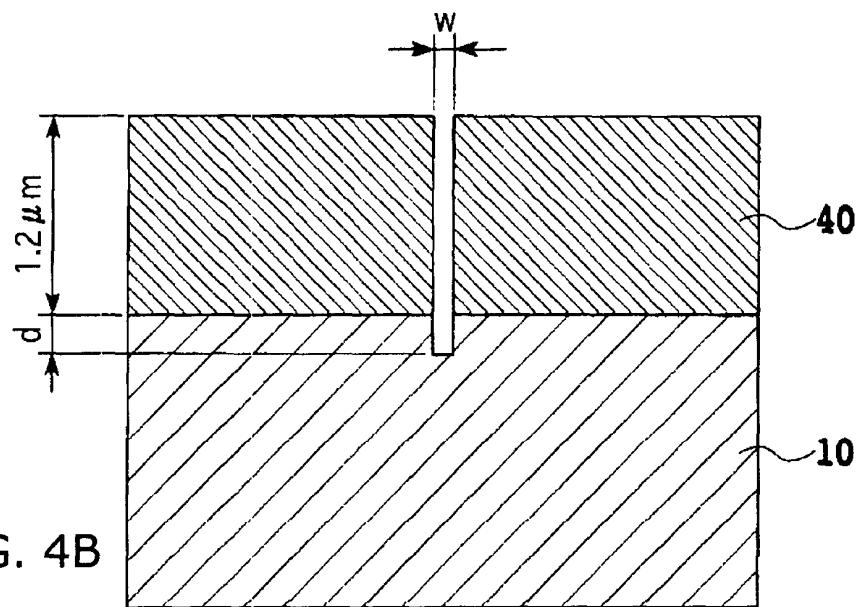


FIG. 4B

Soft Magnetic Film : $0.25 \mu\text{m}$
Thickness

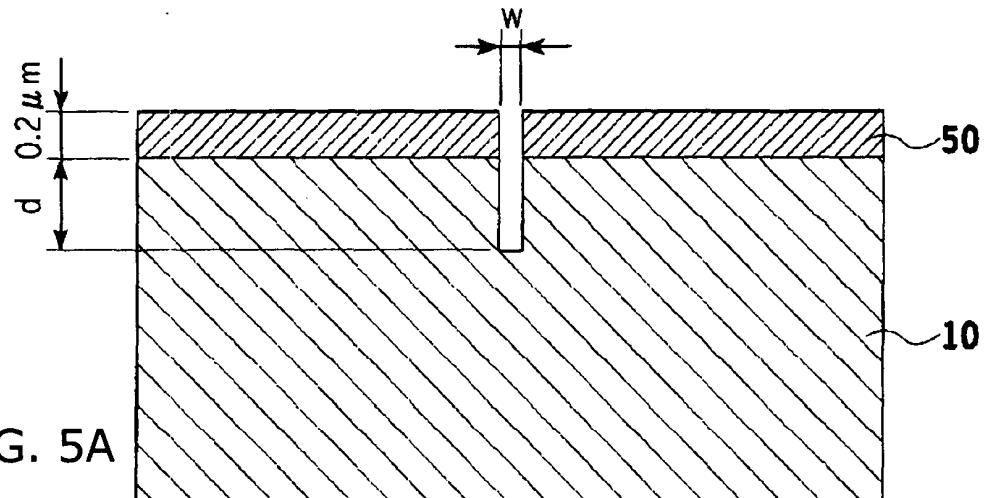


FIG. 5A

Soft Magnetic Film : $0.5 \mu\text{m}$
Thickness

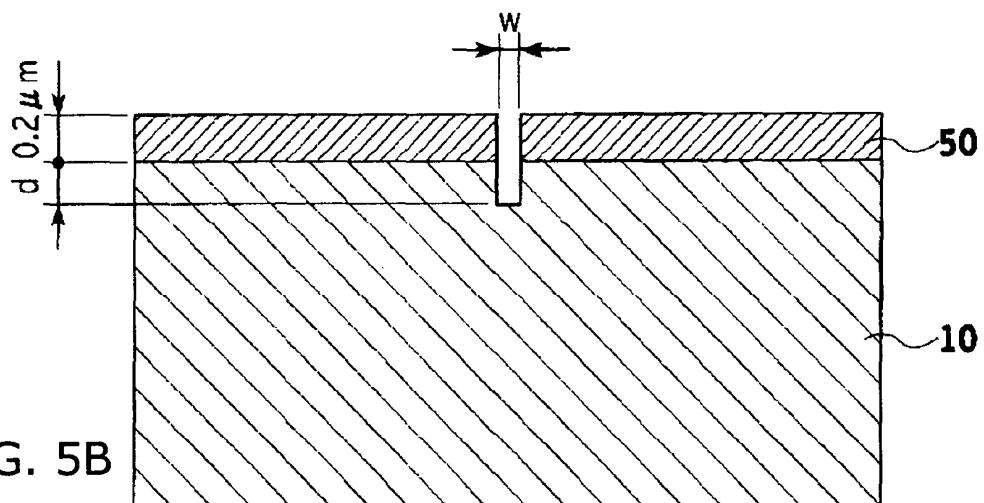


FIG. 5B

Soft Magnetic Film : $0.25 \mu\text{m}$
Thickness

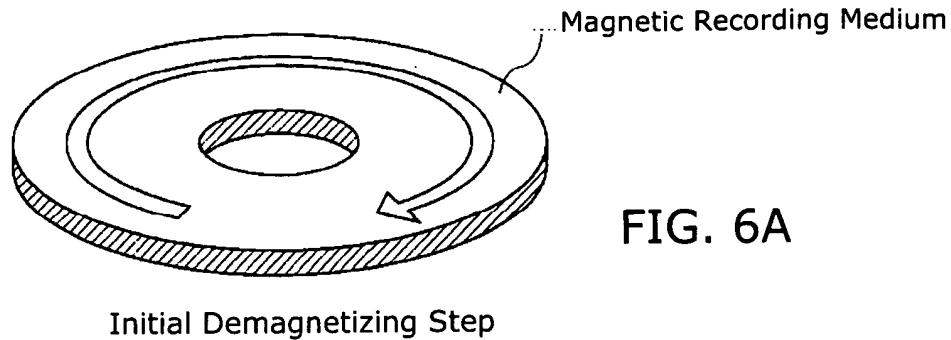


FIG. 6A

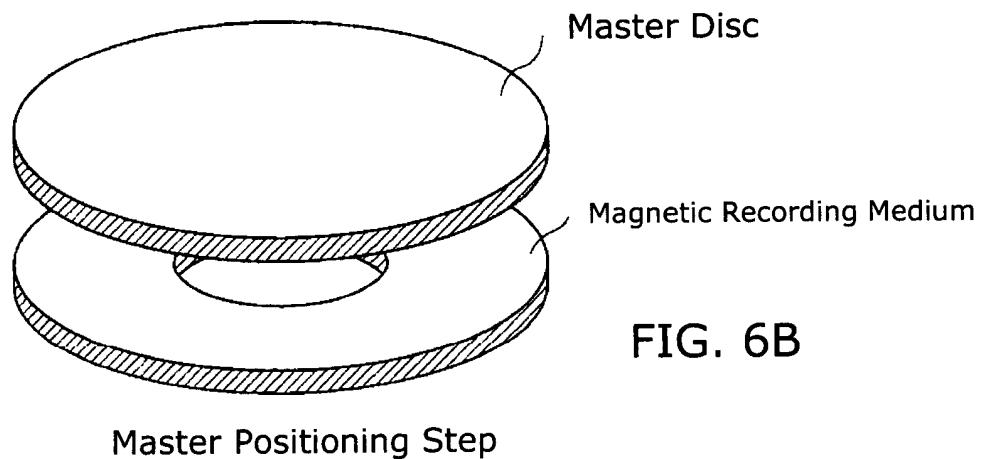


FIG. 6B

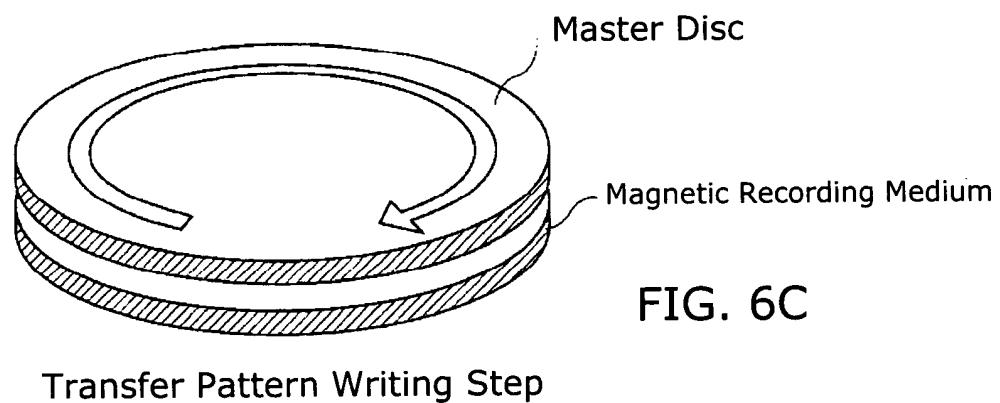


FIG. 6C

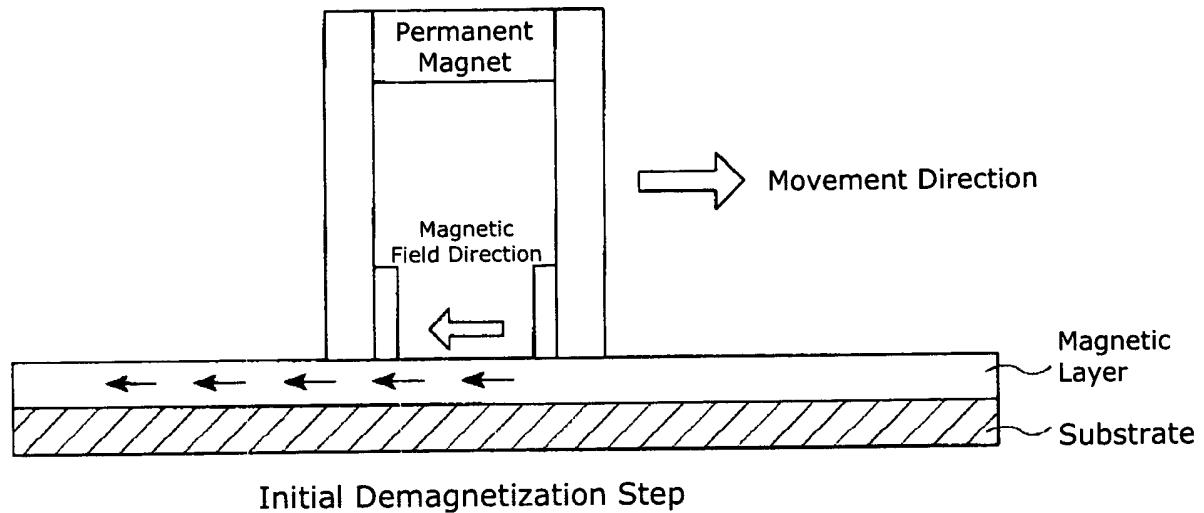


FIG. 7A

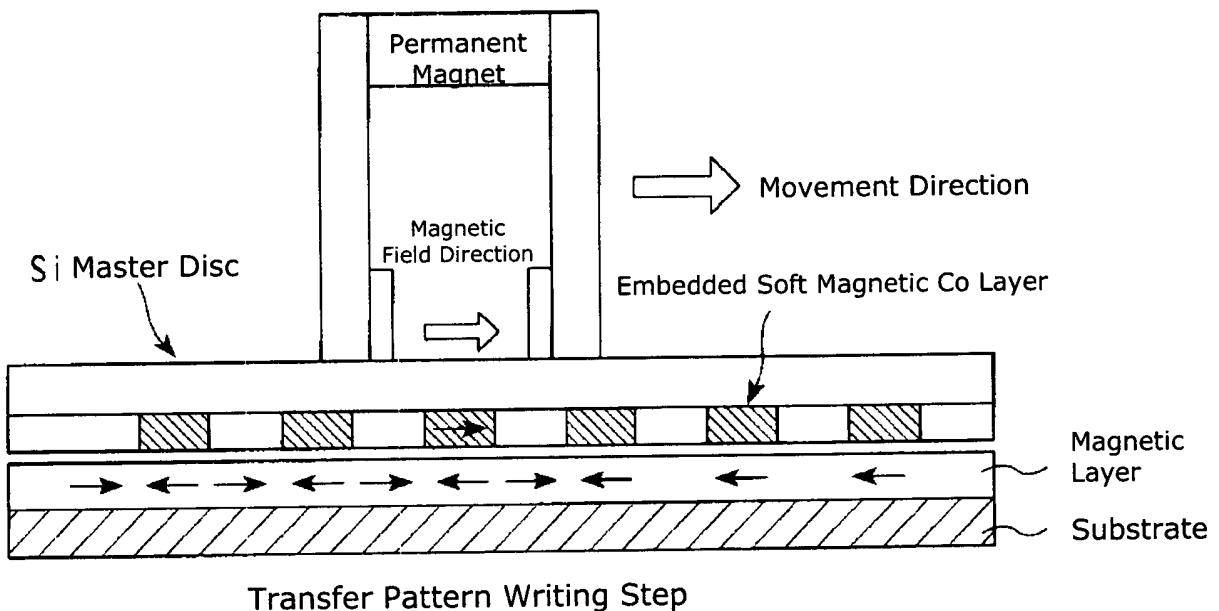


FIG. 7B

FIG. 8A

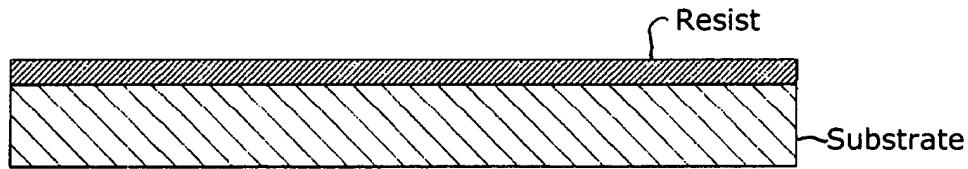


FIG. 8B

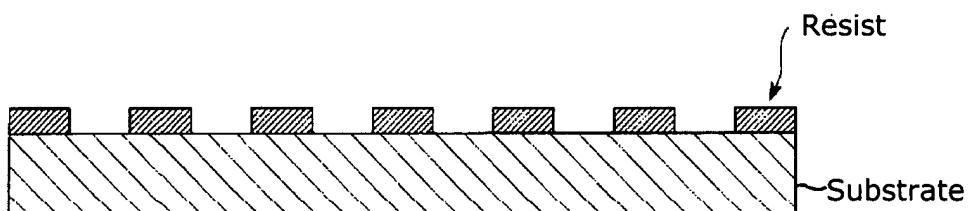


FIG. 8C

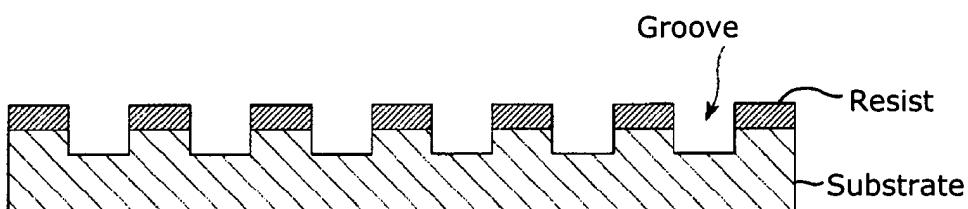


FIG. 8D

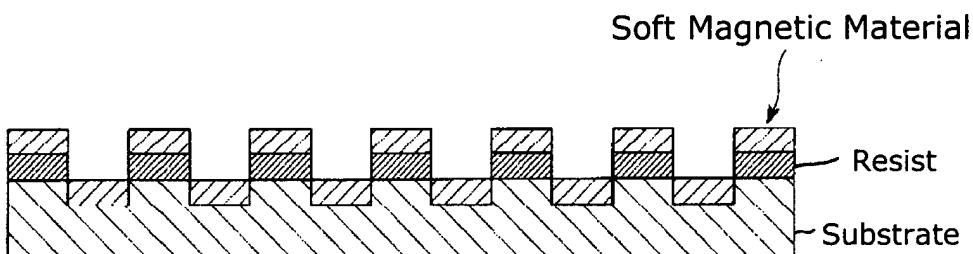


FIG. 8E

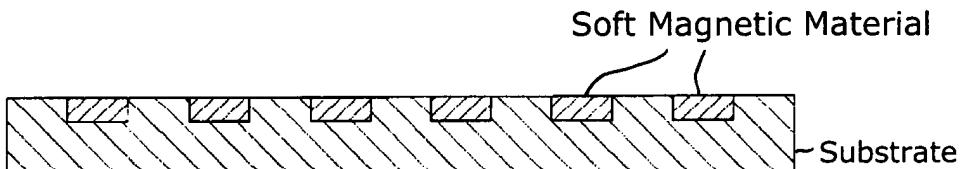


FIG. 9A

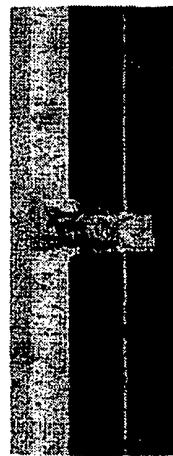


FIG. 9D

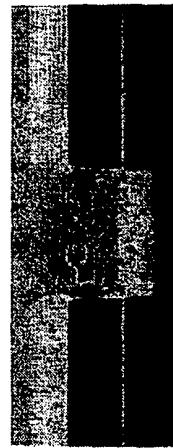


FIG. 9G

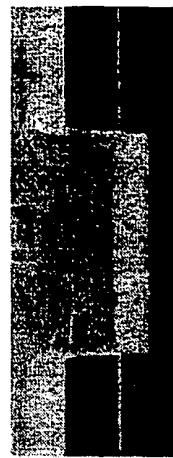


FIG. 9B

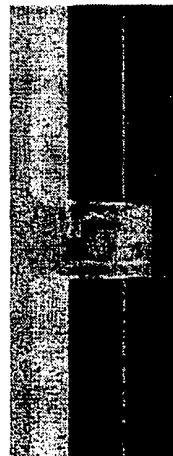


FIG. 9E



FIG. 9C



FIG. 9F



— Soft Magnetic Layer
— Resist Layer
— Substrate

FIG. 10

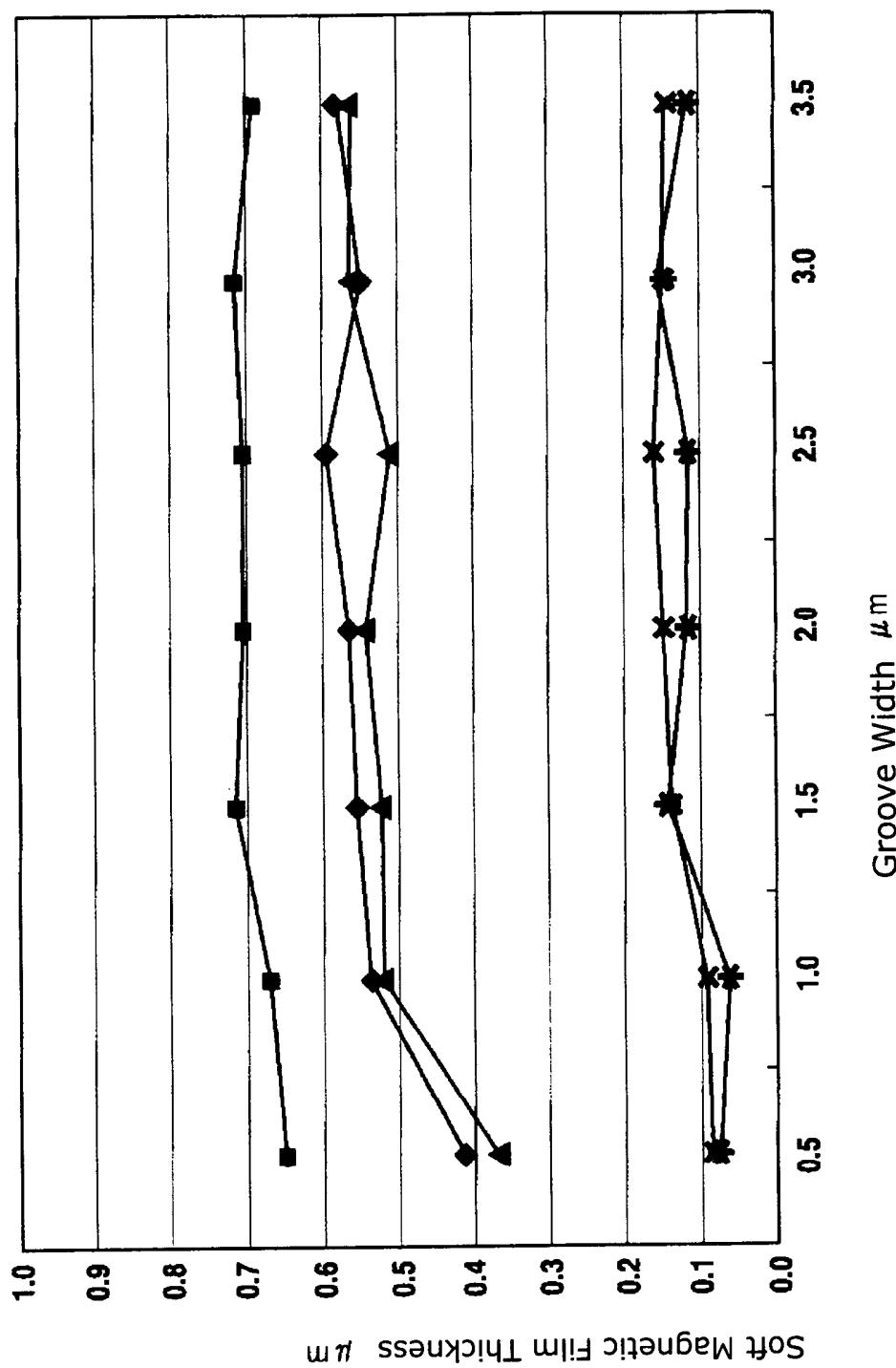


FIG. 11A

Distribution of Soft Magnetic Film in a Groove

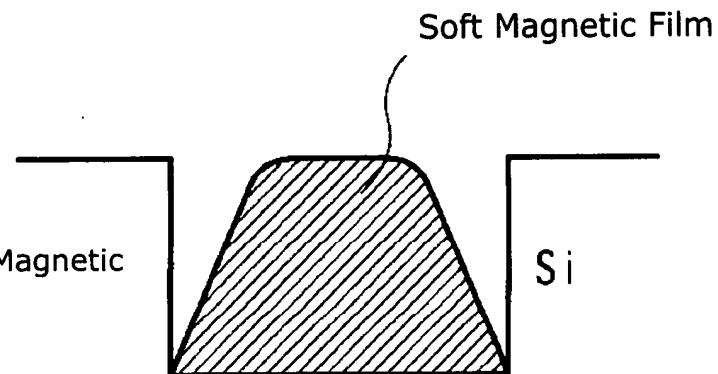


FIG. 11B

Magnetic Field in Magnetic Recording Medium Under Magnetic Transfer



FIG. 11C

Magnetic Field Direction in Magnetic Recording Medium Under Magnetic Transfer

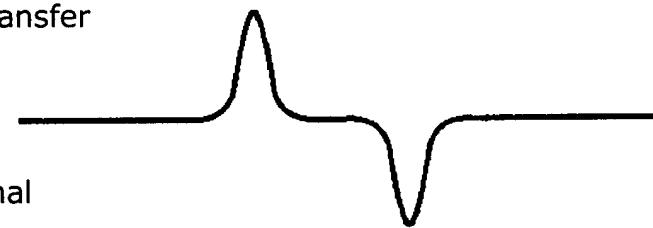


FIG. 11D

Reproduction Signal



FIG. 11E

Binary Singal

FIG. 12A

Distribution of Soft Magnetic Film in a Groove

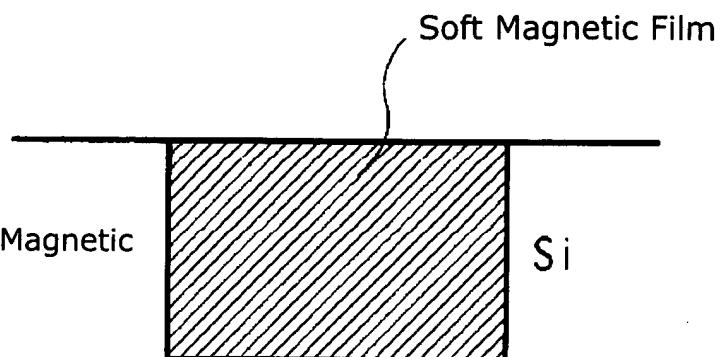


FIG. 12B

Magnetic Field in Magnetic Recording Medium Under Magnetic Transfer



FIG. 12C

Magnetic Field Direction in Magnetic Recording Medium Under Magnetic Transfer

FIG. 12D

Reproduction Signal

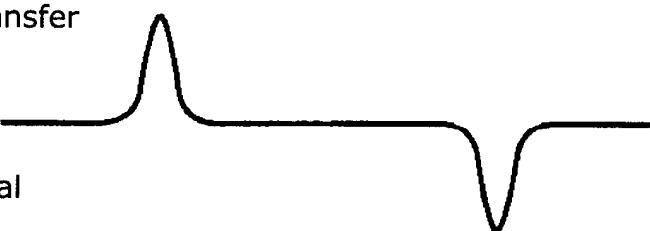


FIG. 12E

Binary Singal



FIG. 13A

Distribution of Soft Magnetic
Film in a Groove



FIG. 13B

Magnetic Field in Magnetic
Recording Medium Under
Magnetic Transfer



Magnetic Field Direction in
Magnetic Recording Medium
Under Magnetic Transfer

FIG. 13D

Reproduction Signal

FIG. 13E

Binary Singal

FIG. 14A

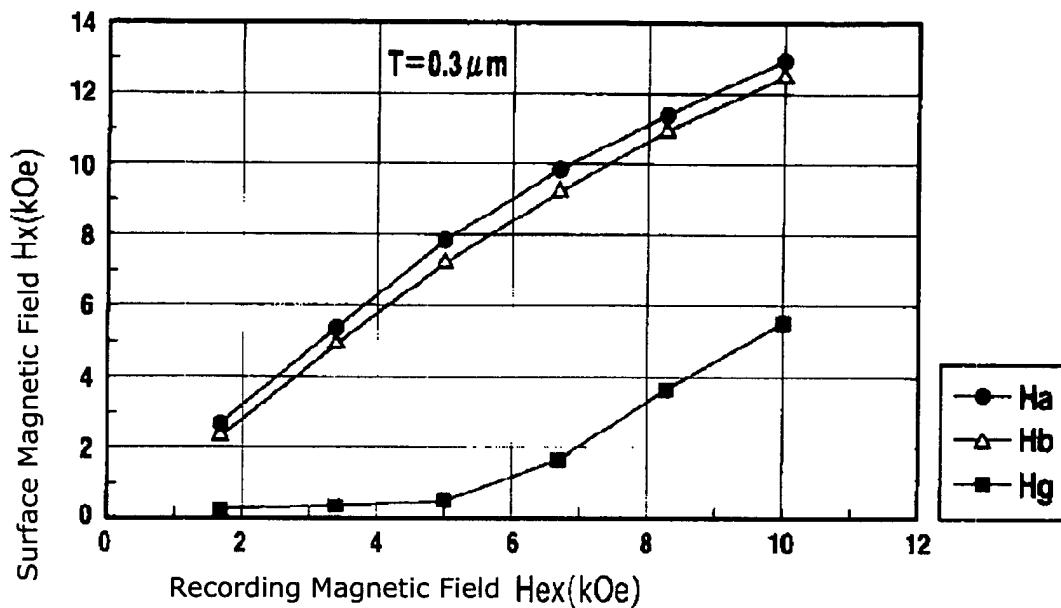
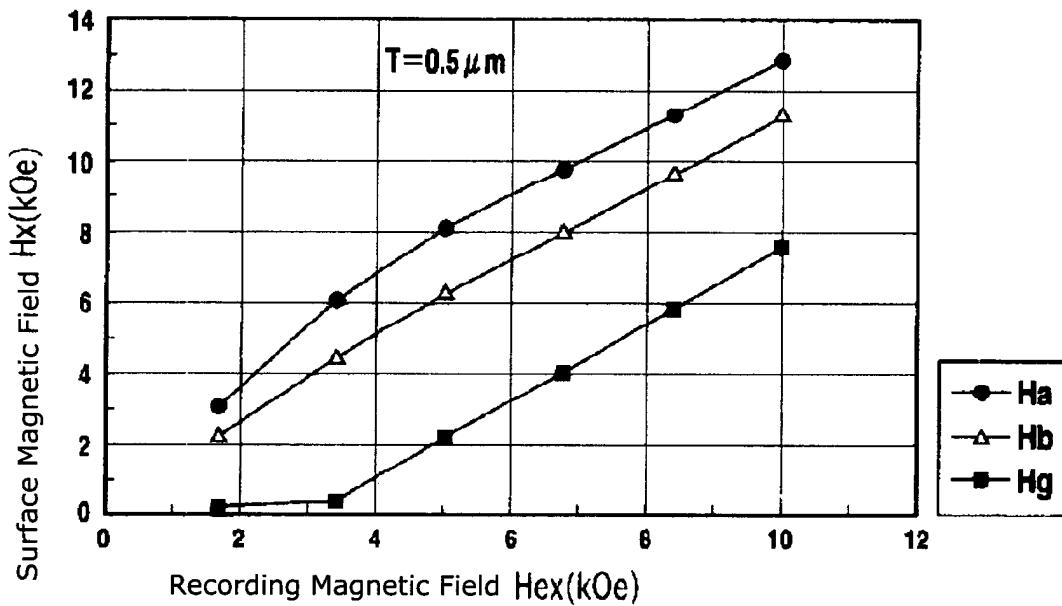


FIG. 14B



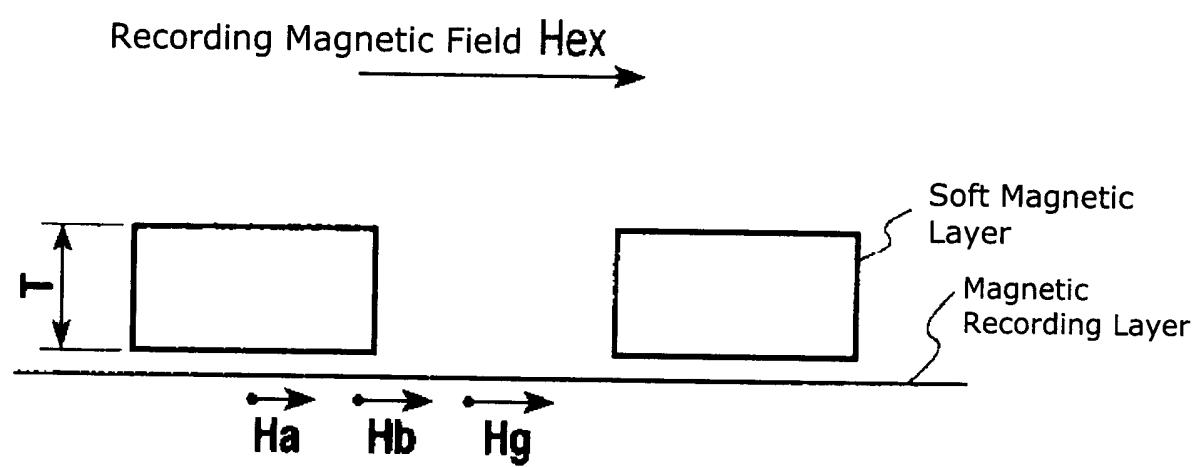


FIG. 15